

CLAIMS

1. Composition according to Claim 1, comprising from 1 to 40% by weight of fluorinated base, from 50 to 99% by weight of secondary butanol, and from 5 0 to 30% by weight of DMSO, the sum of the percentages by weight of the constituents being equal to 100.

2. Composition according to Claim 1, comprising from 15 to 25% by weight of fluorinated base, from 50 to 70% by weight of secondary butanol and 10 from 15 to 25% by weight of DMSO.

3. Composition according to one of Claims 1 or 2, characterized in that the fluorinated base comprises one or more fluorinated compounds having a surface tension of less than 30 mN/m at 25°C and a zero 15 ozone degradation potential (ODP).

4. Composition according to Claim 3, characterized in that the fluorinated compound(s) is (are) chosen from hydrofluorocarbons (HFCs) and/or hydrofluoro ethers (HFEs).

20 5. Composition according to one of Claims 1 to 3, characterized in that the fluorinated base also contains trans-1,2-dichloroethylene.

6. Composition according to Claim 4, characterized in that the HFC(s) is (are) chosen from 25 1,1,1,3,3-pentafluorobutane (HFC 365 mfc), 1,1,1,2,3,4,4,5,5,5-decafluoropentane (HFC 4310 mee), 1,1,1,2-tetrafluoroethane (HFC 134 a), pentafluoro-

ethane (HFC 125), 1,1,1-trifluoroethane (HFC 143 a), difluoromethane (HFC 32), 1,1-difluoroethane (HFC 152 a), 1-fluoroethane (HFC 161), 1,1,1,2,3,3,3-heptafluoropropane (HFC 227 ea), 1,1,1,3,3,pentafluoropropane (HFC 245 fa), octafluoropropane (HFC 218), (perfluorobutyl)ethylene ($C_4H_9CH=CH_2$), 1,1,2,2,3,4,5-heptafluorocyclopentane ($C_5H_3F_7$), perfluorohexylethylene ($C_6F_{13}CHCH_2$), tridecafluorohexane ($C_6F_{13}H$) and perfluoro(methylmorpholine) (PF 5052).

10 7. Composition according to one of Claims 4 to 6, characterized in that the fluorinated base comprises a mixture of HFC 365 mfc and HFC 4310 mee and, optionally, HFC 227 ea.

15 8. Composition according to Claim 4, characterized in that the HFE(s) is (are) chosen from methylheptafluoropropyl ether ($C_3F_7OCH_3$), methylnonafluorobutyl ether ($C_4F_9OCH_3$), ethylnonafluorobutyl ether ($C_4F_9OC_2H_5$) and perfluoropyran ($C_5F_{10}O$).

20 9. Use of the compositions according to one of Claims 1 to 8, for defluxing electronic boards, more particularly for defluxing electronic boards containing "no clean" fluxes.

25 10. Method for defluxing electronic boards comprising a first cleaning step and a second rinsing step, characterized in that the cleaning step is carried out with a composition according to one of

Claims 1 to 8 in cleaning tank (2) and the rinsing step is carried out with a pure fluorinated base in a rinsing tank (8), this fluorinated base possibly being different from that present in the cleaning tank (2).